

MR-1 REPORT CHECK OFF LISTCompany : **ANDARN ELECTRO SERVICE**SCP # : **27400442**

Address : 72 Michigan Avenue Paterson, N.J. 07503

Contact : Dan Patel

1. Category 40 CFR 413.44, 54, 64 Sub. D, E, & F
2. **Month of: March 2009**
3. Is Permit # Correct? ☒ Y ☐ N ☐ N/A
4. Is regulated flow stated in space provided? ☒ Y ☐ N ☐ N/A
5. Total flow provided in proper space? ☒ Y ☐ N ☐ N/A
6. Is method used to calculate water stated,? ☒ Y ☐ N ☐ N/A
7. Are number of working days stated ? ☒ Y ☐ N ☐ N/A
8. Are there any parameters which have exceeded a daily maximum limit or could cause the company to be out of compliance with a monthly or 4-day average ? ☐ Y ☒ N ☐ N/A
- 8a Are any non-detectable results higher than the permit limits ? ☐ Y ☒ N ☐ N/A
- 8b If the answer to 8a was yes. did the company submit any documentation in support of compliance ? ☐ Y ☐ N ☒ N/A
9. Is proper compliance/non-compliance statement provided ? ☒ Y ☐ N ☐ N/A
10. If applicable is compliance schedule submitted ? ☐ Y ☐ N ☒ N/A
11. Is combined waste stream formula required ? ☐ Y ☐ N ☒ N/A
12. If combined waste stream formula was used, have calculations been submitted correctly ? ☐ Y ☐ N ☒ N/A
13. Have correct number of samples been submitted ? ☒ Y ☐ N ☐ N/A
14. Has sample number been reported in space provided ? ☒ Y ☐ N ☐ N/A
15. Have all regulated parameters been listed on MR-1 ? ☒ Y ☐ N ☐ N/A
16. Has sample type been stated on MR-1 ? ☒ Y ☐ N ☐ N/A
17. Have all samples been taken during this reporting period ? ☒ Y ☐ N ☐ N/A
18. Has NJDEPE certified lab been used ? ☒ Y ☐ N ☐ N/A
19. Have analytical results been submitted on copies of Laboratory stationery ? ☒ Y ☐ N ☐ N/A

20.	Have results been written in space designated on MR-1?	<input checked="" type="checkbox"/> Y	N	N/A
21.	Have average permit limitations been included on MR-1?	<input checked="" type="checkbox"/> Y	N	N/A
22.	Have maximum permit limitations been included on MR-1?	<input checked="" type="checkbox"/> Y	N	N/A
23.	Is method used to preserve samples stated on MR-1?	<input checked="" type="checkbox"/> Y	N	N/A
24.	If non use statement is made do regulations allow exemptions?	<input checked="" type="checkbox"/> Y	N	N/A
25.	Has MR-1 been signed by authorized representative ?	<input checked="" type="checkbox"/> Y	N	N/A
26.	Has information been submitted on proper MR-1 form ?	<input checked="" type="checkbox"/> Y	N	N/A
27.	Have any and all PVSC samples taken during this month been averaged in with the company samples ?	<input checked="" type="checkbox"/> Y	N	N/A

First Reviewer: comments on deficiencies _____

Date Reviewed 4/09 Date sent to user _____
Date due back _____ Reviewer MP _____

Second Review comments on deficiencies _____

Date Reviewed 4/09 Date sent to user _____
Date due back _____ Reviewer _____
Date ok _____ Reviewer _____

PRETREATMENT MONITORING REPORTNAME: ANDARN ELECTRO SERVICE, INC.MAILING ADDRESS: 72 MICHIGAN AVENUE, PATERSON, NJ 07503

MAY 4 2009

FACILITY LOCATION: 72 MICHIGAN AVENUE, PATERSON, NJ 07503CATEGORY & SUBPART: 40 CFR 413.44 SP-D, 413.54 SP-E, 413.64 SP-F OUTLET#: 1CONTACT OFFICIAL: DAN PATEL TELEPHONE#: 523-2220NEW CUSTOMER ID / OUTLET ID: 27200053-1

MONITORING PERIOD						AVERAGE	MAXIMUM	
3	1	2009	3	31	2009	Regulated flow-gal/day	5,231	5,754
MON	DAY	YR	MON	DAY	YR	Total Flow-gal/day	5,231	5,754
START			END			Method Used: Average Regulated & Average Total flow for this outlet from readings of main water meter & well meter, minus sanitary calculation (from readings of sanitary meter) divided by 22 work days in month. Max = Avg flows + 10%.		
Parameter	3-9	Mass or Concentration			No. of Samples	Sample type		
		Mon Avg	Maximum	Units		Comp./grab		
Cd	Sample measurement	<0.001 ✓	<0.001	mg/l	1	Comp.		
	Permit requirement	0.19	1.2	"				
Pb	Sample measurement	0.00913 ✓	0.00913	"	1	Comp.		
	Permit requirement	0.54	0.6	"				
CN (A)	Sample measurement	< 0.02 ✓	< 0.02	"	1	Grab		
CN (A)	Permit requirement	2.7	5.0	"				
Ni	Sample measurement	0.119 ✓	N/A	"	1	Comp		
	Permit requirement	5.9	N/A	"				
Zn	Sample measurement	0.026 ✓	N/A	"	1	Comp		
	Permit requirement	1.67	N/A	"				
Cu	Sample measurement	0.061 ✓	N/A	"	1	Comp		
	Permit requirement	3.02	N/A	"				
	Sample measurement							
	Permit requirement							
	Sample measurement							
	Permit requirement							
	Sample measurement							
	Permit requirement							

PVSC Form Mr-1 Rev: 4 6/87 P1.

PRETREATMENT MONITORING REPORT**Certification of Non-use (use additional sheets if necessary) Based on Historical Data.**

"Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment limitation (or pretreatment standard) for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since the filing of the last discharge monitoring report. I further certify that this facility is implementing the solvent management plan submitted to the Passaic Valley Sewerage Commission on May 26, 2005." Andarn Electro Service, Inc. is certifying non-use for Mercury for this month.

Compliance or non-compliance statement with compliance schedule (use additional sheets if necessary) for every parameter used.

Andarn Electro Service, Inc. is in compliance for 40 CFR 413.44 Subpart - D, 40 CFR 413.54

Subpart E, 40 CFR 413.64 Subpart F, PSES, for dischargers of less than 10,000 gpd for

monitoring conducted by the company during this month and as presented in this report. Andarn

Electro Service, Inc. is also in compliance with all PVSC Local Limits.

Explain Method for preserving samples:

Metal samples were composites that were preserved with HNO₃ to pH < 2.0.

Cyanide sample was a grab which was preserved with NaOH to pH > 12.0.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

"During this monitoring period, no change has been made to the plot plan submitted to PVSC on 8/15/94."



Signature of Principal
Executive or Authorized Agent

DAN PATEL

Plant Manager

Type Name and Title

4/02/2009

Date

PVSC Form MR-1 Rev. 5 3/91 P2

ANDARN ELECTRO SERVICE - (40CFR 413 and PVSC LOCAL LIMIT MR-1) -
MARCH 2009

AVERAGE FLOW CALCULATIONS	22 Work days in month
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MAIN CITY METER (TOTAL FLOW)

867,954 Present Meter Reading
-857,994 Past Meter Reading
 9,960 Cubic feet
x7.48
 74,501 Gallons MAIN
+49,950 Gallons WELL
 124,451 Gallons
x .95 (-5% Evaporation)
 118,228 Total gallons of City water used this month

WELL METER (PROCESS))

2668790 Present Meter Reading
-2618840 Past Meter Reading
 49,950 Gallons

5,374 GPD = Average Total Flow from facility.
 22 | 118,228.

INTERNAL WATER METER (SANITARY)

221,846 Present Meter Reading
-221,426 Past Meter Reading
 420 Cubic Feet
x7.48
 3,142 Gallons Total Unregulated Flow

FLOW FOR OUTLET # 27200053-1

118,228 Total Flow	
<u>-3,142 Sanitary flow</u>	
115,086 Gallons	22 115,086

5,231 GPD = Average Regulated and Total Flow
 for OUTLET # 27200053-1

MAXIMUM FLOW CALCULATION (AVERAGE = MAXIMUM + 15%)

5,231 AVERAGE FLOW
x1.10 MAX = AVG +10%
 5,754 GPD = MAXIMUM REGULATED and TOTAL FLOW FOR OUTLET # 27200053-1



ANALYTICAL DATA REPORT

for

Andarn Electro-Service
72 Michigan Ave
Paterson, NJ 07503

Project Name: PVSC MONITORING

Lab Case Number: E09-02383

MDL = METHOD DETECTION LIMIT

< = LESS THAN THE MDL

General Analytical

Lab ID: 02383-001
Client ID: 01
Percent Moisture: 100

Date Sampled: 3/9/2009
Time Sampled: NA

Parameter	Result	MDL	Matrix-Units	Date Analyzed
Cyanide, Amenable	< 0.020	0.020	Aqueous-mg/L	3/16/2009 10:54

Metals

Lab ID: 02383-002
Client ID: 02
Matrix-Units: Aqueous-mg/L
Percent Moisture: 100

Date Sampled: 3/9/2009
Time Sampled: NA
Date Analyzed: 3/11/09

Parameter	Result	Q	MDL
Cadmium	< 0.001		0.001
Copper	0.061		0.008
Lead	0.00913		0.002
Mercury	< 0.0005		0.0005
Nickel	0.119		0.004
Zinc	0.026		0.008


General Analytical

Lab ID: 02383-002
Client ID: 02
Percent Moisture: 100

Date Sampled: 3/9/2009
Time Sampled: NA

Parameter	Result	MDL	Matrix-Units	Date Analyzed
Biochemical Oxygen Demand	35.0	2.00	Aqueous-mg/L	3/11/2009 8:00
Total Suspended Solids	17.1	7.14	Aqueous-mg/L	3/11/2009 11:00

These data have been reviewed and accepted by:


Michael H. Leftin, Ph.D.
Laboratory Director

273 Franklin Road
Randolph, NJ 07869
Phone: 973 361 4252
Fax: 973 989 5288



IAL is a NELAC New Jersey Certified Lab (14751) and maintains certification in Connecticut (PH-0699), New York (11402), Rhode Island (00126), Pennsylvania (68-00773) and in the Department of Navy IR QA Program.

REPORTING INFO

REPORT TO:	ENVIRO-COMP, INC
Address:	PO BOX 3457 WAYNE, NJ 07474
Attn:	JOHN SABO
FAX #	973-633-7643
INVOICE TO:	ENVIRO-COMP
Address:	PO BOX 3457 WAYNE, NJ 07474
Attn:	JOHN SABO
PO #	

CUSTOMER INFO

Company: ANDARN ELECTRO SERVICE
Address: 72 MICHIGAN AVE.
PATERSON, NJ 07503
Telephone #:
Fax #:
Project Manager:
Sampler: ANDARN PERSONNEL
Project Name: PVSC MONITORING
Project Location (State):
Bottle Order #:
Quote #:

SAMPLE INFORMATION

[illegible][illegible]

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)		Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. RUSH SURCHARGES WILL APPLY IF LAB IS NOT TO ACCOMMODATE**	
Conditional TPHC	Results needed by:	Rush TAT Charge **	Report Format
24 hr*	48 hr	72 hr	Results Only
Verbal/Fax	2 wk/Std	NA	Reduced
24 hr*	48 hr*	72 hr*	Regulatory
Hard Copy	3 wk/Std		Other (describe)
2 wk* call for price			

[illegible]

Med High	Lab Case #	02583
MMDL Req: GW/QS - SCC - OTHER (SEE COMMENTS)		
Comments:		
PAGE: 1 of 1		

PROJECT INFORMATION

Case No. **E09-02383**Project **PVSC MONITORING**

Customer Andarn Electro-Service	P.O. #
Contact John Sabo	Received 3/10/2009 15:50
E-Mail ENVIRO43@aol.com <input type="checkbox"/> EMail EDDs	Verbal Due 3/24/2009
Phone	Report Due 3/31/2009
Fax (973) 633-7643	
Report To	Bill To
72 Michigan Ave	Enviro-Comp
Paterson, NJ 07503	P.O. Box 3457
	Wayne, NJ 07474-3457
Attn: John Sabo	Attn: John Sabo
Report Format Result Only	
Additional Info <input type="checkbox"/> State Form <input type="checkbox"/> Field Sampling <input type="checkbox"/> Conditional VOA	

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
02383-001	01	n/a	3/9/2009	Aqueous	ug/L	1
02383-002	02	n/a	3/9/2009	Aqueous	ug/L	2

Sample #	Tests	Status	QA Method
001	Cyanide, Amenable	Run	4500CN C
002	Cadmium - Cd	In Process	200.8
"	Copper - Cu	In Process	200.8
"	Lead - Pb	In Process	200.8
"	Mercury - Hg	In Process	245.1
"	Nickel - Ni	In Process	200.8
"	Zinc - Zn	In Process	200.8
"	BOD	Run	5210B
"	TSS (Suspended)	Run	2540D

INTEGRATED ANALYTICAL LABORATORIES, LLC

SAMPLE RECEIPT VERIFICATION

CASE NO: E 09

02383

CLIENT:

Andarn Electro Service

COOLER TEMPERATURE: 2° - 6°C: ☒

(See Chain of Custody)

Comments

COC: COMPLETE / INCOMPLETE

KEY

☒ = YES/NA
☒ = NO

- ☒ Bottles Intact
- ☒ no-Missing Bottles
- ☒ no-Extra Bottles

- ☒ Sufficient Sample Volume
- ☒ no-headspace/bubbles in VO's
- ☒ Labels intact/correct
- ☒ pH Check (exclude VO's)¹
- ☒ Correct bottles/preservative
- ☒ Sufficient Holding/Prep Time¹

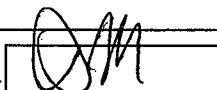
☐ Sample to be Subcontracted

¹ All samples with "Analyze Immediately" holding times will be analyzed by this laboratory past the holding time. This includes but is not limited to the following tests: pH, Temperature, Free Residual Chlorine, Total Residual Chlorine, Dissolved Oxygen, Sulfite.

ADDITIONAL COMMENTS:

SAMPLE(S) VERIFIED BY:

INITIAL



DATE

3/10/09

CORRECTIVE ACTION REQUIRED:

YES

☐

(SEE BELOW)

NO

☐

CLIENT NOTIFIED:

YES

☐

Date/ Time:

NO

☐

PROJECT CONTACT:

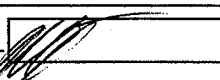
SUBCONTRACTED LAB:

DATE SHIPPED:

ADDITIONAL COMMENTS:

VERIFIED/TAKEN BY:

INITIAL



DATE

3/10/09

REV 02/05

Laboratory Custody Chronicle

IAL Case No.

E09-02383

Client Andam Electro-ServiceProject PVSC MONITORINGReceived On 3/10/2009@15:50**Department: Metals**

		<u>Prep. Date</u>	<u>Analyst</u>	<u>Analysis Date</u>	<u>Analyst</u>
Cadmium - Cd	02383-002 Aqueous	3/11/09	Lisa	3/11/09	Wei
Copper - Cu	-002 Aqueous	3/11/09	Lisa	3/11/09	Wei
Lead - Pb	-002 Aqueous	3/11/09	Lisa	3/11/09	Wei
Mercury - Hg	-002 Aqueous	3/11/09	Lisa	3/12/09	Wei
Nickel - Ni	-002 Aqueous	3/11/09	Lisa	3/11/09	Wei
Zinc - Zn	-002 Aqueous	3/11/09	Lisa	3/11/09	Wei

Department: Wet Chemistry

		<u>Prep. Date</u>	<u>Analyst</u>	<u>Analysis Date</u>	<u>Analyst</u>
BOD	-002 Aqueous	n/a	n/a	3/11/09@08:00	Kris
Cyanide, Amenable	-001 Aqueous	n/a	n/a	3/16/09	jessica
TSS (Suspended)	-002 Aqueous	n/a	n/a	3/11/09	Kam

Review and Approval:

